

PEROVIC, D., Akademik

~~Study of the development and structure of the maxillary bone and of the maxillary sinus in man.~~ Rad jugosl. akad. znan., odjel med. 4:1-161 1953.

1. Iz Anatomskog instituta Medicinskog fakulteta Sveucilista u Zagrebu. Predstojnik: prof. dr. D. Perovic.

(MAXILLARY SINUS, anatomy and histology,
review (Ser))

(MAXILIA, anatomy and histology,
review (Ser))

PEROVIC, Danica, Pukovnik dr.

Treatment of late effects of deep burns. Voj. san. pregl.,
Beogr. 13 no.3-4:138-147 Mar-Apr 56.

1. Klinika za plasticku hirurgiju VMA.
(EURNS, compl.
late, plastic surg. (Ser))

PEROVIC, Danica, pukovnik dr.

Three cases of unilateral hypertrophy of mandibular condyle.
Voj. san. pregl., Beogr. 11 no.11-12:702-706 Nov-Dec 54.

1. Klinika za plasticku hirurgiju VMA.

(MANDIBLE, dis.

hypertrophy, unilateral, of condyle, plastic surg.)

(HYPERTROPHY AND HYPERPLASIA

mandible condyle, unilateral, plastic surg.)

PERCVIC, Danica, dr., pukovnik

Skin transplantation in severe burns. Voj. san. pregl., Beogr.
11 no.7-8: 269-277 July-Aug. 54.

1. Klinika za plastichu hirurgiju VMA, nacelnik pukovnik doc. dr.
Vinko Arneri.
(BURNS, surg.
skin transpl.)
(SKIN TRANSPILANTATION, in various dis.
burns)

PEROVIC, Davor, Dr.

Oncogenetic inversion of uterus. Med. glas. 10 no.9:
375-378 Sept 56.

1. Ginekološko-obstetrički odjel Opće bolnice Susak u Rijeci
(upravnik odjela prim. dr. D. Perovic).

(UTERUS, dis.

inversion caused by carcinosarcoma (Ser))

(CARCINOSARCOMA, compl.

uterus, causing inversion (Ser))

PIKROVIC, Drago

Further contribution to the study of neoplastic formations on the crista choanalis of the human vomer. Rad. med. fak. Zagreb 8 no.2: 118-134 '60.

(NOSE neopl)

DANILOVIC, Vojislav; PEROVIC, Ljiljana

Electrocardiography changes in allergic reactions to pollen.
Srpski ann. celok. lek. 93 no.1:80-96 Ma 1951.

1. Interna klinika P Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr. Radoje Perovic.

BEROVIC, R., prof. dr.; RUDIVIC, R., dr.; PEROVIC, Lj., dr.

Infections in corticotherapy of blood diseases. Med. Glas. 18
no. 11: 358-364 N '64

1. Interna klinika B Medicinskog fakulteta u Beogradu (Uprav-
nik: prof. dr. R. Berovic).

BALOC, Borica, Jr.; MROVIT, Mijangana, Jr.

Heart in so-called collagen disease. Med. glas. 1963, 16, 1-2.
Je-31 163.

1. Interna klinika B. Vojnoginskog Fakulteta Univerziteta u Zagrebu.
(Upravnik: prof. dr. B. Vojnovic).

PEROVIC, Lj.dr; RUVIDIC, R., dr.

Steroid diabetes. Med. Glas. 18 no.11:367-370 N '64

1. Interna klinika B Medicinskog fakulteta u Beogradu
(Upravnik: prof. dr. R. Berovic)

PEROVIC, Ljiljana, dr.

Significance of hemarthrosis in the diagnosis of hemophilia.
Med. glas. 19 no.1:23-26. Jan '65.

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr. R. Berovic).

PEROVIC, M.

PEROVIC, M. World Meteorological Organization; 2d Congress of the Organization. p. 75

Vol. 4, no. 3/4, July/Dec. 1955

VESNIK
SCIENCE
Beograd

So: East European Accession, Vol. 6, No. 3, March 1957

"APPROVED FOR RELEASE: 06/15/2000

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APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240120002-9"

NAGULIC, I.; PEROVIC, M.; LAPRAS, C.

Cerebral angioma in children. Acta chir. iugosl. 9 no.3/4:205-218
'62.

1. Hirurska klinika bolnice Edouard Herriot u Lyonu (Upravnik prof.
dr P. Wertheimer) i Neurohirurska klinika Medicinskog fakulteta u Beogradu
(Upravnik prof. dr S. Kostic).
(BRAIN NEOPLASMS) (HEMANGIOMA)

5

PEROVIC, M.

MILOSEVIC, B.; ZUJOVICH, Dj; STOLEVICH, B; PEROVIC, M.

The application of hysterosalpingography in diagnosis in gynecology. Srpski arh.celok.lek.83 no.1:61-75 Jan '55.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu.
Upravnik: prof.dr Sinisa Tasovac. Radioloski institut Medicinskog fakulteta u Beogradu. Upravnik: prof. dr. Stojan Dedic.

(GYNECOLOGICAL DISEASES, diag.
hysterosalpingography (Ser))

(GENITALIA FEMALE, radiography
hysterosalpinography in diag. of gyna.dis.(Ser))

PEROVIC, Milos, dr.; PERISIC, Milutin, dr.

Differential diagnosis of pathological calcification of endocranium.
Srpski arh. celok. lek. 82 no.6:765-770 June 54.

1. Radioloski institut Medicinskog fakulteta u Beogradu, upravnik
prof. dr. Stojan Dedic; Neurohirurska klinika Medicinskog fakulteta
u Beogradu, upravnik prof. dr. Slobodan Kostic. (Rad je urednistvo
primilo 2.X.1953 god.)

(BRAIN, dis.

calcification, differ. diag.)

(CALCIFICATION

brain, differ. diag.)

MILJKOVIC, Petar; PEROVIC, Milos; JEFTIMOVIC, Djordje; STAMBOLOVIC, Andjelija

Metastatic tumors of the central nervous system. Srpski arh. celok. lek.
85 no.5:516-521 Mar 57.

L. Neurohirurška klinika Medicinskog fakulteta u Beogradu. Upravnik:
prof. dr. Slobodan Kostic. Radioloski Institut Medicinskog fakulteta u
Beogradu. Upravnik: prof. dr. Bogoljub Bosnjakovic. Patolosko-anatomski
institut Medicinskog fakulteta u Beogradu. Upravnik: prof. dr. Marija
Vienji: Prajdn.

(CENTRAL NERVOUS SYSTEM, neoplasms
metastatic (Ser))

BECIRIC, T.; PEROVIC, M.

Diagnostic significance of vertebral arteriography. Neuropsihijatrija
7 no.1-2:87-94 '59

1. Neurohirurška klinika Medicinskog fakulteta u Beogradu,
upravnik: prof. dr. S. Kostic.
(ANGIOGRAPHY)
(BRAIN dis.)

PEROVIC, M.; NAGULIC, I.

Arteriography in cerebrocranial diseases in children. Acta chir.
iugosl. 7(8) no.3:206-218 '60.

1. Neurohirurška klinika Medicinskog fakulteta u Beogradu (Upravnik
prof. dr S.Kostic)
(CEREBRAL ANGIOGRAPHY in inf & child)

PRAKOVIC, Milos; MILENKOVIC, Petar

Atypical case of a cyst of the septum pellucidum. Srpski arh. celok. lek. 88 no.2:129-134 F '60.

1. Neurohirurška klinika medicinskog fakulteta univerziteta u Beogradu, Upravnik: prof. dr. Slobodan Kostic.
(CEREBRAL VENTRICLES neopl.)
(CYSTS diag.)

YUGOSLAVIA

PEROVIC, Milos, Dr; Department of Radiology, Faculty of Medicine, University of Belgrade (Head: BOSNJAKOVIC, Bogoljub, Dr, prof) (Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu) Belgrade.

"The Significance of Lymphangiography in Radiation Therapy of Malignant Diseases"

Belgrade, Srpski arhiv za celokupno lekarstvo, Vol 93, No 10, 1965, pp 963-967

Abstract [Author's English summary]: From 1960 to 1964, 15 lymphangiographies, 22 lymphadenographies and 23 lymphographies were performed in patients with various malignant diseases such as: malignant invasion of glands in carcinoma and sarcoma, etc. The technique of lymphangiography, which was applied, is described in detail, as well as the radiographic findings in the lymph nodes in the abovementioned diseases. 4 Western references. Manuscript received 21 Jul 1965.

1/1

- 100 -

YUGOSLAVIA

RASOVIC, Ljubomir; GERZIC, Zoran; LEPOSAVIC, Miodir; PEROVIC, Miroje; MILENKOVIC, Miodrag; DUGALIC, Dragan and PANTIC, Jugoslav; First Surgical Clinic of Medical Faculty of University (Hirurska klinika Medicinskog fakulteta Univerziteta), Head (Upravnik) Prof Dr Ljubomir RASOVIC, Belgrade.

"Experimental Homotransplantation of the Kidney in Dogs."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 93, No 4, Apr 1965; pp 373-380.

Abstract [English summary modified]: Detailed report on one autotransplantation and 10 homotransplantations of the kidney in dogs. The contralateral kidney was removed in all except one dog; this was also the only animal that survived over 15 days postoperative, except for the autotransplantation case. Table, surgical specimen photograph, 1 Soviet and 9 Western references; manuscript received 18 Dec 64.

1/1

- 216 -

YUGOSLAVIA

VASILJEVIC, Dragoljub; NEDELJKOVIC, Dragos; ZDRAVKOVIC, Dragan and
PEROVIC, Miroje; Second Surgical Clinical, Medical Faculty of University
(II Hirurška klinika Medicinskog fakulteta Univerziteta), Head (Upravnik)
Prof Dr Vojislav STOJANOVIC, Belgrade.

"Posterior Mediastinal Goiter."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 93, No 4, Apr 1965;
pp 403-407.

Abstract [German summary modified]: Data on one true mediastinal goiter
in 55 year old woman, with good recovery after excision. Diagnostic and
differential diagnostic problems are discussed. Photograph of surgical
specimen, radiogram; 4 Yugoslav and 12 Western references. Manuscript
received 16 Apr 64.

1/1

VOJADINOVIC, Borislav; LEXIC, Svetomir; BELJOZOVIC, Aleksandar;
PEROVIC, Miroje; ANTIC, Ratonir

Successful treatment of penetrating wound of the heart.
Srpski arh. celok. lek. 84 no.5:660-666 May 56.

1. II Hirurška klinika Medicinskog fakulteta u Beogradu.
Upravnika: prof. dr. Vojislav Stojanovic. IV Interna klinika
Medicinskog fakulteta u Beogradu. Upravnika: prof. dr. Oedomil Plavsic.
(HEART, wounds and injuries,
right ventric. penetrating wd., ther. (Ser))

PEROVIC, Rade M.

Perovic, Rade M. Klimatologija s osnovima meteorologije za studente vise pedagoske skole. Beograd, Znanje, 1951. 94p. (Climatology, with fundamentals of meteorology: a textbook. Illus., bibl.)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 1, Jan. 1954, encl.

PEROVIC, Rade M.

Hydrography and geomorphology; textbook for normal schools. Beograd, Znanje, 1951. 93 p.

4 GB 44

PEROVIC, Rade M.

Climatology and the fundamentals of meteorology for normal school students. Beograd, Znanje, 1951. 94 p.

4 QC 260

SMRKINIC, B., dr.; AKERMAN, R., dr.; PEROVIC, S., dr.

Our experiences with ophthalmological examination of newborn infants. Med. glasn. 13 no.7:379-381 JI '59.

1. Ocn., Ginekolosko-porodajni i Dječji odjel Opće bolnice u Zadru.

(EYE DISEASES in inf. & child)
(INFANT NEWBORN dis.)

JELIC, R.; PEROVIC, S.; GALIC, R.

Esophago-bronchial fistula. Tuberkuloza 17 no.3:268-276
My-Je '65.

1. Medicinski centar, Zadar, odjel za rentgenologiju, odjel
za dječje bolesti i odjel za zarazne bolesti.

SIBALIC, M.; DORDEVIC, S.; PEROVIC, S.

Amount of iodine and fluorine in potable water and the incidence of
goiter in the former district of Alibunar. Higijena 12 no.1:45-50
'61.

(GOITER statist)
(IODINE)

(WATER SUPPLY)
(FLUORINE)

SIMALIC, Mileva; PEROVIC, Saveta

Iodine and fluorine content in the drinking and surface waters in
Serbia. Glasn. hig. inst., Beogr. 3 no.1-2:64-73 Jan-June 54.

(WATER SUPPLY

fluorine & iodine content in Yugosl.)

(FLUORINE, determ.

in drinking water in Yugosl.)

(IODINE, determ.

in drinking water in Yugosl.)

PEROVIC, Saveta, Mr.

Iodine and fluorine in the drinking water in the People's
Republic of Serbia. Higijena, Beogr. 7 no.1-4:337-347 1955.

1. Higijenski institut NRS, Beograd.

(IODINE,

in drinking water in Yugosl. (Ser))

(FLUORIDATION

in Yugosl. (Ser))

(WATER SUPPLY

iodine content in drinking water in Yugosl. (Ser))

Perovic Slavko

~~AKERMAN~~, Radoslav, dr.; GARDILCIG, Ante, dr.; MATANIC, Vladimir, dr.;
PEROVIC, Slavko, dr.

Has Crede's prophylaxis of eye gonorrhea in newborn infant become
outmoded? A proposal for discussion. Med. glasnik. 9 no.7-8:287-289
July-Aug 55.

1. Opća bolnica u Zadru.
(OPHTHALMIA NEONATORUM, prov. & control
silver nitrate, value (Ser))

PEROVIC, Slavko, Dr.

Largactil treatment in severe cases of whooping cough. Lijec.
vjes. 28 no.3-4:139-141 Mar-Apr 56.

1. Iz Dječjeg odjela Opće bolnice u Zadru.
(WHOOPING COUGH, ther.
chlorpromazine (Ser))
(CHLORPROMAZINE, ther. use
whooping cough (Ser))

PEROVIC, Slavko

Value of the ECG diagnostic test. Radovi Med. fak. Vol.2:203-206
1953.

1. Dječja klinika Medic. fakulteta u Zagrebu (Predstojnik prof.
dr. Biko Skrivaneli). (Primaljeno 15.IV.1953)
(ECG VACCINATION
*evaluation)

LYSYKH, T.S., kand. tekhn. nauk; PASHIN, M.A., red.; LIPGART, A.A., red.; AL'-
~~PEROVICH, A.G., red.~~; BORISOV, S.G., red.; BRISKIN, M.I., red.;
 DYBOV, O.V., red.; ZIL'BERBERG, Ya.G., red.; LOZAR', A.S., red.;
 LUNEV, I.S., red.; MAGAYEV, P.V., red.; PEVZNER, H.M., red.;
 PRYADILLOV, V.I., red.; RAMAYYA, K.S., red.; SAMOL', G.I., red.;
 SEDOVA, Ye.V., red.; TAMURCHI, O.V., red.; KHANIN, N.S., red.;
 CHAPCHAYEV, A.A., red.; CHISTOZVONOV, S.B., red.; SHKOL'NIKOV, E.M.,
 red.; LEZHELEVA, G.V., red. izd-va; SMIRNOVA, G.V., tekhn. red.

[Design and investigation of performance of power disk brakes]
 Issledovanie raboty diskovykh tormozov s usileniem i metod ikh
 rascheta. Moskva, Gos. nauchno-issledovatel'skii avtomobil'noi i
 avtomotorny i institut. Trudy, no. 86) (MIRA 12:8)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
 nauchno-issledovatel'skiy avtomobil'nyy i avtomotorny i institut.
 (Automobiles--Brakes)

Properties of vacuum-treated clay. P. P. Borilov and I. A. Peravich. *J. Appl. Chem. U.S.S.R.* 25, 967-70 (1952); *Eng. Transl.* 33, 344-50 (1952) (Engl. translation). The effects of pressure and air content on the plasticity of montmorillonite clays were investigated. The air-dried clay was elevated, isothermal to normal plastic consistency, and then passed into a vacuum press to form a thin ribbon. The vacuum-treated band was kept under neutral vaseline oil to prevent moisture evaporation; the oil did not penetrate deeply into the clay. The air vol. in the clay was determined by the Spangier app., which is based on the separation of air by vacuum after dispersing the material in water. The plasticity was determined by the method of Zemyatchevskii (cf. *C.A.B.* 53, 5127). In a graph the increase in plasticity with increasing vacuum treatment was shown for Borilov I, Kuchin II, and Ashikabad III clays. The thixotropy of I and II remained constant after 72 hrs. and that of III after 48 hrs. The moisture output and setting were measured, and the drying rate was plotted against moisture. The linear shrinkage was determined with an accuracy of 0.01 mm. Deep vacuum treatment (700 mm. Hg) decreased the drying rate and the linear shrinkage. It was assumed that the surface of plastic clays is made hydrophobic by the adsorption of fine air bubbles by the solid. This air cushion affects the physico-chemical properties. The first crit. point on the drying-rate curve is attained when the surface humidity becomes equal to the hygroscopic humidity. The 2nd crit. point corresponds to the stage where the surface humidity attains the level of the moisture bound by adsorption. After deep vacuum treatment of I and II, the 1st and 2nd crit. points are shifted towards higher humidity; for III, with a low adsorption capacity, there is little or no change in the position of the crit. points. The increase in the plasticity of clays after the vacuum treatment is caused by changes in the capillary structure in such a way that occluded air passes extremely slowly. The decrease of the coeff. of linear shrinkage is connected with the increase of adsorbed water at the expense of capillary-bound water. F. Scholzenberger.

PEROVICH, I.N.

Second supplement to the bibliography of Academician
E.N. Pavlovskii. Trudy Zool. inst. 35:9-15 '65.

(MIRA 19:1)

1. Zoologicheskii institut AN SSSR.

VYSOTSKAYA, ...; LEROVICH, I.N.

Lyudmila Mikhailovna Pavlovskaya, 1882; on L's 80th birthday.

Int. J. N. S. S. R. Ser. Biol. no. 4-633-634 JN-4g '6...

(M RA 17.20)

KOZAK, B.A.; MUSATOV, I.G.; PEROVICH, I.N.; SHAPRANOVSKIY, K.I.; STRELKOV, A.A., redaktor; ISAKOVA, O.V., otvetstvennyy redaktor; LIKHTENSEP'EYN, Ye.S., otvetstvennyy redaktor; SHUNKOV, V.I., otvetstvennyy redaktor; KRSMEYANOV, A.N., akademik, glavnyy redaktor; TCFCHIYEV, A.V., akademik, zamestitel' glavnogo redaktora; RUDENSKAYA, L.V., redaktor izdatel'stva; NOVIKOVA, S.I., tekhnicheskiy redaktor

Evgenii Nikanorovich Pavlovskii. Izd. 2-oe, ispr. i dop. Pod red. A.A.Strelkova. Bibl. sost. B.A.Kozak i dr. Moskva, 1956. 239 p. (Materialy k biobibliografii uchenykh SSSR. Seriya biologicheskikh nauk. Parazitologiya, no.1) (MLRA 9:12)

1. Akademiya nauk SSSR.

(BIBLIOGRAPHY--PAVLOVSKII, EVGENII NIKANOROVICH, 1884-)

Country : Rumania E-2
Category : Analytical Chemistry. Analysis of Inorganic Substances.
Abs. Jour. : Ref. Zhur.-Khimiya No. 6, 1959 19143
Author : Perovici, C.; Domitriu, A.
Institut. :
Title : Polarographic Determination of Oxygen and Carbon Dioxide.
Orig Pub. : Rev. chim., 1958, 9, No 6, 344-346

Abstract : It was found that the polarogram of an 0.1 M solution of $N(CH_3)_4I$ changes its initial appearance after O_2 is passed into the solution; of the two waves only the 1st remains and its height is proportional to concentration of O_2 in the gas being passed. At high concentrations of O_2 the reduction potential (RP) of the solution decreases from -1.55 to -1.7 v. If CO_2 is passed into an 0.1 M solution of $n(CH_3)_4I$ the resulting polarogram shows no waves and RP becomes more positive (1.1 v with 100% CO_2); such a change of RP is observed only with low concentrations of CO_2 (up to 20%), as the gradient of change of RP decreases with increase of CO_2 concentration. On passing N_2 into $N(CH_3)_4I$ solution
Card: 1/2

E 36

ROMANIA, Fitting Out of Laboratories - Instruments.
Their Theory, Construction, and Use.

H-

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8743

Author : Perov, G. G.

Inst :

Title : A Mercury Valve for Increasing the Gas Pressures
Attainable in Kipp Apparatus.

Orig Pub : Rev. chim., 1956, 7, No 6, 370 (in Romanian with summaries
in German and Russian)

Abstract : A mercury seal is described permitting the preparation of
gases in Kipp apparatus at higher pressures than normal;
the attainable pressures are sufficient for polarographic
work.

Card 1/1.

PEROVOVA, N. I.

YASNOPOL'SKIY, V.D.; DOLNAKOVA, I.E.; PEROVOVA, N.I.

Quantitative analysis of waste sulfuric acid from alkylation
processes, Zav. lab. 23 no.6:665-667 Je '57. (MLRA 10:8)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut nefteperera-
batyvayushchey promyshlennosti.
(Sulfuric acid--Analysis) (Waste products)

PEROVSEK, M

Yugoslavia (430)

Republic of Slovenia) Vol 2, no 3-4, 1947.

East European Accessions List. Library of Congress, Nol 1, no 13, Nov 1952.
UNCLASSIFIED. "Card 2 of 2"

PEROVSEK, M.

Yugoslavia (430)

The fundamental law on guardianship and the law on adoption p 97. LJUDSKI PRAVNIK.
(Društvo Pravnika Ljudske Republike Slovenije) Ljubljana. (monthly of the Association
of Jurists of the People's

East European Accessions List. Library of Congress, Vol 1, no 13, Nov 1952.
UNCLASSIFIED. "Card 1 of 2"

PEROVSEK, M.

Yugoslavia (430)

of the People's Republic of Slovenia) Vol. 2, no 11-12, 1947.

East European Accessions List. Library of Congress, Vol 1, no 13, Nov 1952.
UNCLASSIFIED. "Card 2 of 2"

PEROVSEK, M.

Yugoslavia (430)

Law - Serials

Registration of the right of property over the state's real estates. p. 337.

IJUJSKI PRAVNIK. (Društvo Pravnika Jugske Republike Slovenije) Ljubljana.

(Monthly of the Association of Jurists.

East European Accessions List. Library of Congress, Vol. 1, no 13, November 1952.

UNCLASSIFIED. "Card 1 of 2"

PEROVSEK, M.

Yugoslavia (430)

Law - Serials

Extension of federal and Slovenian laws over the territories acquired after World War
11. p. 266. LJUDSKI PRAVNIK. (Društvo Pravnika Jugske Republike Slovenije) Ljubljana.
(Monthly of the Association of

East European Accessions List. Library of Congress, Vol 1, no 13, November 1952.
UNCLASSIFIED. "Card 1 of 2"

PEROVSEK, M.

Yugoslavia (430)

Jurists of the People's Republic of Slovenia) Vol. 3, no 9-10, 1947.

East European Accessions List. Library of Congress, Vol 1, no 13, Nov 1952.
UNCLASSIFIED "Card 2 of 2"

PEROVSEK, Rajko, ing. (Maribor, Gosposvetska 45)

Selecting the means of internal transportation. Strof vest 9 no. 4/5:125-
126 0 '63.

PEROVSEK, Rajko, inz. (Maribor, Gosposvetska 45)

Economic importance of inland transportation. Tehnika Jug:Suppl.:
Masinstvo 12 no.2:304-307 Fe '63.

1. Sef projektivno konstrukcijskega biroja tovarne "Primat",
Maribor.

GARUTT, V.Ye. [Harutt, V.IE.]; PEROVSKAYA, S.G. [Perovs'ka, S.H.]

Find of a mammoth skull in Zaporozh'ye Province. Zbir. prats'
Zool. muz. AN URSR no. 29:101-104 '60. (MIRA 14:4)
(Shevchenkovo (Zaporozh'ye Province)—Mammoth)

USSR/Farm Animals - General Problems.

1-1

Abstr Jour : Ref Zhur - Biol., No 1, 1958, 2613

Author : Perovskaya, S.V.

Inst :

Title : Less Theoretizing and More Emphasis on the Practical Problems of Breeding Work (In This Order of Discussion)

Orig Pub : Osvobodstvo, 1958, No 2, 26-33

Abstract : The author is not satisfied by the nature of the discussion on breeding problems, and interrelation of selection, breeding and rearing methods, in theoretical articles in the periodicals, and his opinion is that the well-known postulates formulated by classical zootechnicians are distorted. He examines the problems of the organization of breeding work as a complex whole of zootechnical measures purporting to improve the productivity of animals. He discusses the relevance of breeds, purebreeding and parent-bloodedness in animals, and the relationship between

Card 1/2

- 3 -

L 000177-66 EWT(a)/r IJP(c) GS

ACCESSION NR: AT5013564

UR/0000/64/000/000/0172/0178

AUTHOR: Perovskaya, Ye. I. 44, 55

TITLE: Modeling of certain algorithms of differential digital analyzers on digital computers 16, 44, 55

SOURCE: AN SSSR, Institut elektromekhaniki. Avtomatika, telemekhanika i priborostro-
yentse (Automatic control, remote control, and instrument manufacture), Moscow,
Izd-vo Nauka, 1964, 172-178

TOPIC TAGS: digital differential analyzer, algorithm, digital computer, model

ABSTRACT: Various specialized computers operate on the basis of particular algorithms. However, the construction of models for the verification of the correctness of such algorithms usually require large expenditures of time and money. Analytical checking is quite complicated even in cases comprising two to three integrators only. It is, consequently, more convenient to carry out the modeling of special digital differential analyzer (DDA) schemes on universal computers while such schemes are being developed. The author uses this approach in the development of a device which, using a DDA, programs the coating by trajectories of second order surfaces. Addition is the basic element

Card 1/2

L 00377-66

ACCESSION NR: AT6013564

of numerical integration and is carried out in a similar manner on digital differential analyzers and on digital computers. The basic difference in their operation is due to the fact that the computer operates with full class numbers while the analyzer handles increments. The article presents a detailed description of the algorithm modeling on the "Ural" computer. The resulting modeled operation allows the checking of the feasibility (in operation) of the proposed algorithm, its accuracy, and its correction capabilities. Orig. art. has: 4 formulas and 5 tables.

ASSOCIATION: none

SUBMITTED: 24 Oct 64

ENCL: 00

SUB CODE: DP, MA

NO REF SOV: 004

OTHER: 000

Card

2/2

ACC NR: AR7004315

SOURCE CODE: UR/0271/66/000/011/B004/B005

AUTHOR: Perovskaya, Ye. I.

TITLE: Accuracy of problem solving on a digital computer with checks and corrections

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 11B27

REF SOURCE: Sb. Vychisl. tekhn. v upr. M., Nauka, 1966, 70-76

TOPIC TAGS: digital computer, ^{digital} differential analyzer, computer calculation, differential solution, error correction

ABSTRACT: The accuracy of solution and some methods of error correction are considered in connection with solving, on a digital differential analyzer, a system of differential equations; the cycle of solutions is repeated many times. As an example, a problem is considered of developing a system which would program the covering a second-order surface with trajectories of specified density and accuracy. An algorithm of the analyzer operation synthesized from differential equation is described by a set of nonlinear difference equations. An error caused by the quantization of increments in the analyzer integrators is the quantization error in this case. A method is indicated for evaluating the effects of level quantization and time quantization. An algorithm is given of operation of a discrete scheme with checks and corrections. The accuracy was verified by simulating the scheme of the above programming system on a multipurpose digital computer. One figure.

Bibliography of 3 titles. V. A. [Translation of abstract]

Card 1/1

SUB CODE: 09,12

UDC:681.142.81;681.142.82

E 42213-66 EWP(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) JT/GD/BC
ACC NR: AT6008924 SOURCE CODE: UR/0000/65/000/000/0074/0085

AUTHOR: Ignat'yev, M. B.; Mikhaylov, V. V.; Perovskaya, Ye. I.

ORG: none

TITLE: Synthesizing a checking and correcting programer for machining surfaces

SOURCE: AN SSSR. Institut elektromekhaniki. Avtomaticheskije i
teleinformatsionnyye sistemy (Automatic and teleinformation systems). Moscow,
Izd-vo Nauka, 1965, 74-85

TOPIC TAGS: automatic programing, nonlinear programing, metal cutting

ABSTRACT: General considerations are presented re a programing system with continuous linear checking and correction which is intended for controlling automatic metal-cutting machines. The surface being machined is regarded as a controlled function. A system of integral equations is set up, and a block diagram of a programer capable of solving it is shown. The synthesis of a system

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ACC NR: AT6008924

with two checking planes is briefly considered. Operation of the above programmer was simulated on a digital computer with 10-digit integrator registers. Without correction, the programmer accumulated (over 25 cutter travels) an error of 15 units; with the linear checking and correction, the error was 2.5 units. Orig. art. has: 2 figures and 18 formulas.

SUB CODE: 13, 09 / SUBM DATE: 14Jul65 / ORIG REF: 006 / OTH REF: 008

Card 2/2 af

PEROVSKAYA, Ye.I.

Accuracy of the reproduction of trajectories on the surface of a circular cone using digital analogs. Sbor. rab. po vop. elektromekh. no. 9:15-22 '63. (MIRA 17:2)

PERCINSKAYA, Ye.I.

Some problems concerning the accuracy of the reproduction of trajectories on second-order surfaces using digital differential analyzers. Sbor.rab.po vop.elektromekh. no.7:33-50 '62.

(MIRA 16:1)

(Automatic control) (Electronic differential analyzers)

Abendessen nach dem. Fertig e laffrom Essen

[illegible]

Assoc. M. I. V. V. Kildal'nikov; M. of Publishing House: L. V. Sidorov; Tech. M.:
L. A. Zolotarev.

REMARK: This collection of works is intended for specialists in electro-mechanics.

CONTENTS: The collection contains 26 works divided into three sections: 1) Electric Machines; 2) Electric Drive and Electric Traction; 3) Automated Electro-Mechanics and Automatic Regulation and Instruments. No personalities are mentioned. References accompany most of the articles.

**ADVANCED ELECTRIC INC. ANALYTIC SUBSISTEM
AND INSTRUMENTS**

1571	<u>Abel, T. A.</u> <u>Math Problems of Automating the Electric Drive of Machines</u>
1574	<u>Barney, E. P.</u> <u>Communications With a Converter of Spatial Coordinates With Application to Astronomy Problems</u>
1599	<u>Blinov, P. V.</u> <u>Nonlinear System of Automatic Guidance of Missiles</u>
1608	<u>Brinkley, E. L.</u> <u>Digital Analysis</u>
1613	<u>Chudakov, A. K.</u> <u>Method of Building the Order of Code Rings</u>
1626	<u>Chispor, V. G.</u> and <u>A. B. Melnikova</u> . <u>Method of Data from Self-Excited Van der Pol's Oscillator</u>
1735	<u>Chizhik, V. G.</u> , <u>V. V. Smorod, and B. S. Pichuk</u> . <u>Utilization of the Results of Mathematical Modeling in the Design of the Control System for Investigating the Dynamics of Resulting the Speed of a Motor with the</u>
2435	<u>Chudakov, A. K.</u> , <u>E. A. Smorod, and B. P. Pichuk</u> . <u>The Isolating Part of a Thermal Electrothermal Converter Equipped With Magnetic Amplifiers</u>
2461	<u>Ignat'ev, M. B.</u> <u>A Method of Optimum Programming of Second-Order Curves</u>
2494	<u>Penkov, V. A.</u> <u>Application of the Ball Effect for Measuring Electro-Magnetic Moments of Electric Machines</u>
2701	<u>Golovinskiy, V. E.</u> and <u>B. G. Murav'ev</u> . <u>Measuring Phase Shifts Using Electric Methods</u>
2716	<u>Polozhakov, B. G.</u> , <u>E. P. Babitskiy, and L. B. Ritsenko</u> . <u>Stochastic Analysis of Frequency Spectrum of Nonperiodic Electric Oscillations</u>

ASS NR: 176021226

SOURCE CODE: UR/0000/06/000/000/0070/0070

AUTHOR: Perestavko, Ye. I.

ORG: none

TITLE: The accuracy of problem solving on a digital differential analyzer with control and correction

SOURCE: Nauchnaya konferentsiya-seminar po teorii i metodam matematicheskogo modelirovaniya. 4th, Kiev, 1964. Vychislitel'naya tekhnika v upravlenii (Computer technology in control engineering); trudy konferentsii. Moscow, Izd-vo Nauka, 1966, 70-73

TOPIC TAGS: digital differential analyzer, linear differential equation, error analysis

ABSTRACT: The author analyzes the accuracy of digital differential analysis. He analyzes the sources of error in the calculation of the solution of the problem. The function for this work was given by the development of a system for plotting curves with a digital differential analyzer. One method for judging the accuracy of the calculations with a digital differential analyzer is to regard the given function as a projection of the intersect of multidimensional surfaces; the correctness of the solution for the simplest one is a measure for the correctness for the solution of the whole problem. Though additional logic is needed to perform this function, the accuracy of

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1098.0-37

ACC NR: AT6029225

the system is improved. Digital computer simulation of the digital differential analyzer for curve plotting confirms the following conclusions: 1) the system's functional algorithm can be approximately described by a system of nonhomogeneous difference equations which provides an estimate of the performance with a sufficient degree of accuracy; 2) the error due to quantizing the level can be estimated, based on the assumption that the value of the functional remainders is a random value with uniform distribution density. This conclusion permits the evaluation of the level quantizing effect for various connections between the integrators of the digital differential analyzer; 3) for the programming of the covering of a surface with a family of trajectories (curves) by means of a digital differential analyzer, the time quantizing error cannot be substantially reduced by increasing the number of bits; 4) introduction of linear control and correction improves the accuracy of the solution, it does not expose the quantizing errors of the argument. Nonlinear control improves the accuracy of the system but introduces considerably greater complexity. Orig. art. has: 1 figure, 13 formulas.

SUB CODE: 09,12/

DATA NAME: AT6029225/

GRID REF: 005

15 8180

21 2500

31470
S/080/61/034/012/002/017
D202/D305

AUTHORS: Kolikov, V.M., and Perovskiy, A.P.

TITLE: Separating zirconium and hafnium during the extraction of their nitrates

PERIODICAL: Zhurnal prikladnoy khimii, v. 34, no. 12, 1961, 2605 - 2609

TEXT: The effect of HNO_3 concentration in solutions of Zr and Hf nitrates on their separation by extraction with organic solvents was investigated. The solvents used were iso-amyl alcohol, amyl acetate and butyl acetate. As starting material $\text{ZrOCl}_2 \cdot 8\text{H}_2\text{O}$ was used and was converted to the nitrate by precipitation with NH_4F and by subsequent solution in HNO_3 . The amounts of extract zirconium were determined either gravimetrically or calorimetrically, the concentration of Zr being expressed as ZrO_2 g/l. Hafnium was determined by a radioactive method. These determinations were occasionally checked by spectral analysis. Details of the spectral analysis

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Separating zirconium and hafnium ...

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S/O80/61/074
D202/D305

method are given in full. The degree of separation was evaluated by distribution coefficients D and a separation coefficient α defined by

$$(D_{Zr} = \frac{C_{Zr_{org}}}{C_{Zr_{aq}}} \text{ and } D_{Hf} = \frac{C_{Hf_{org}}}{C_{Hf_{aq}}} = \frac{N_{org}}{N_{aq}})$$

where N is the number of impulses in a unit time in an equal solution volume and C is the concentration. The separation coefficient α is equal to the ratio D_{Zr}/D_{Hf} . The results of these investigation for all the three solvents are given. In all the cases investigated, D rose with increasing acid concentration, the efficiency of separation slightly increasing in the series iso-amyl alcohol-ethyl acetate - butyl acetate. The authors also studied the effect of Zr concentration in the starting solution, in the range of 10 to 90 g/l, on D and α and found that D decreased with the rise in Zr concentration. The results are discussed in the light of previously obtained data concerning the formation of zirconyl nitrate polymers

Card 2/3

Separating zirconium and hafnium ...

31470
S/080/61/034/012/102/017
D202/D305

in aqueous HNO_3 solutions. It is thought that with the rise of HNO_3 concentration compounds of the type $(\text{ZrO})_n(\text{NO}_3)_{2n}$ are formed which after solvation migrate into the organic phase. The lowering of D with rising Zr concentration is explained by the rise in molecular weight of Zr polymers which takes place under these circumstances, thus hindering the migration of Zr salt into the organic solvent. The results have shown the relative stability of coefficient α when Zr extractability is low and its decrease when the latter is increased. The increase in HNO_3 concentration which raises the Zr extractability at the same time reduces the difference between Zr and Hf. There are 5 figures and 11 references: 4 Soviet-bloc and 7 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: K.A. Kraus, J.S. Johnson, J. Am. Chem. Soc. 75, 5769, 1953; A.E. Levett, H. Fraund, J. Am. Chem. Soc. 78, 8, 1545, 1956; K.A. Kraus, J.S. Johnson, R.W. Holmberg, J. Am. Chem. Soc. 78, 1, 26, 1956; K.A. Kraus, J.S. Johnson, J. Am. Chem. Soc. 78, 16, 3937, 1956.

SUM. PREP: March 14, 1961
Card 5/5

PEROVSKIY, Al.

There, where Urkart was Moskva, Moskovskii Rabochii, 1928. 87 p.

KOCHETKOV, Viktor Terent'yevich; POLOVKO, Anatoliy Mikhaylovich;
PONOMAREV, Valentin Mikhaylovich. Prinimali uchastiye:
MAKAR'YEV, B.M.; CHERNETSKIY, V.I.; PEROVSKIY, B.N.,
retsenzent; PETROV, F.S., red.

[Theory of remote control and homing guidance of rockets]
Teoriia sistem teleupravleniia i samonavedeniia raket. Mo-
skva, Izd-vo "Nauka," 1964. 536 p. (MIRA 17:6)

PEROVSKIY, D.Ye., starshiy agronom.

Organomineral fertilizer mixtures and their practical value. Nauka i
pered. op. v sel'khoz. 7 no.12:26-27 D '57. (MIRA 11:1)

1. Sovkhoz "Lobanovo", Moskovskaya oblast'.
(Fertilizers and manures)

M.

USSR/Cultivated Plants - Fodder.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15693

Author : D.Ye. Perovskiy

Inst : -

Title : The Effect of the Degree of Soil Fertility on the
Change in Vetch and Oat Ratio.
(Vliyaniye stepeni plodorodiya pochvy na izmeneniye
sootnosheniya viki i ovsa).

Orig Pub : Zemledeliya, 1957, No 4, 86-87.

Abstract : The character of the ratio change is described for the
components of the vetch and oat grass mixture depending
on the grass sowing time at the Ramenskiy Experimental
Field. The April sowing of the stand of grass had a
predominance of oats; during the July sowing at the
same grass sowing rate and on similar soils, vetch pre-
dominated, whereas oats were more prominent on poorly
fertile soil with applied fertilization in the

Card 1/2

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PEROVSKIY, D.Ye., agronom

Put an end to losses caused by spotty growth and death of plants
on winter crop fields. Zemledelie 7 no.4:50-52 4p '59.
(MIRA 12:6)

1. Sovkhoz "Lobanovo," Moskovskoy oblasti.
(Grain)

PEROVSKIY, D.Ye., agronom.

Influence of the degree of soil fertility on the change in the
ratio between vetch and oats. Zemledelie 5 no.4:86-87 Ap '57.
(Soil fertility) (Vetch) (Oats) (MLRA 10:6)

PEROVSKIY, E.I.

Rukovodstvo uchebno-vospitat'noi raboty v shkole [Guide to the management of
education work in the school]. Moskva, Akad. ped. nauk RSFSR, 1980. 22 p.

SC: Monthly List of Russian Accessions, Vol. 6, No. 2, May 1983

Chemical nomenclature of inorganic elements and compounds. P. Perovski
Vysokhi Khim. 2, 249-26(1933).—A report of reforms adopted at the 6th Mendeleev
Conference 1932. F. H. Rathmann

PEROVSKIY, S. (Leningrad); KHUDYY, Yu., inzh.; GRISHIN, M., dots., kand.
vovennykh nauk.

Letters to the editors. Nauka i zhizn' 25 no.12:75-77 D '58.

(MIRA 11:12)

1. Nauchno-issledovatel'skiy institut khirurgicheskoy apparatury i
instrumentov, g. Moskva (for Khudyy). 2. Chlen prezidiuma Rostovskogo
oblastnogo otdeleniya Obshchestva po rasprostraneniyu politicheskikh
i nauchnykh znaniy (for Grishin).
(Penguins) (Surgical instruments and apparatus)
(Railroads--Electronic equipment)

SOV/25-58-12-40/40

AUTHORS: ~~Perovskiy, S.~~, (Leningrad); Khudy, Yu., Engineer;
Grishin, M., Candidate of Military Sciences,
Docent

TITLE: Readers Write to Us (Nam pishut)

PERIODICAL: Nauka i zhizn', 1958, Nr 12, pp 75-77 (USSR)

ABSTRACT: USSR:
1) Perovskiy, of the Otdel Ornitologii zoologicheskogo institut AN SSSR (The Ornithology Department of the Zoologic Institute of AS USSR) describes the imperial penguins and their breeding habits.

2) Engineer, Khudy, Yu. of the Nauchno-issledovatel'skiy institut khirurgicheskoy apparatury i instrumentov, Moskva (The Scientific-Research Institute of Surgical Equipment and Instruments, Moscow), describes a new electric surgical knife.

Card 1/2

Readers Write to Us

SOV/25-58-12-40/40

3) Grishin, M. of the Rostovskoye otdeleniye Obshchestva po rasprostraneniyu politicheskikh nauchnykh znaniy (The Rostov Branch of the Society for Propagation of Political and Scientific Knowledge) recommends that the broadcasting of the music in passenger trains be replaced by records describing localities through which the trains pass them.

Card 2/2

USCIB-DC-60,718

17(7)

SC7/25-59-3--3/-6

AUTHOR: Perovskiy, S., (Leningrad)

TITLE: None given

PERIODICAL: Nauka i zhizn', 1959, Nr 3, pp 78 - 79 (USSR)

ABSTRACT: The collective of the Kafedra embriologii Leningradskogo universiteta imeni A.A. Zhdanova (Chair of Embryology of the Leningrad University imeni A.A. Zhdanov), headed by the well-known Soviet scientist B.P. Tokin, is engaged in research on the immunity of embryos. B.P. Tokin and A.G. Filatova discovered active anti-bacterial properties in those of rabbits, rats and guinea pigs. G.P. Korotkova is studying the protective properties of bird embryos.. It has been established that the protein shell of the egg suppresses the growth of bacteria, fungi and other microorganisms. A.K. Dondua is examining various fac-

Card 1/2

None given

SCV/25-59-3-43/46

tors of immunity in the embryos of mammals and birds.
The research work done in this field by scientists
of the department might lead to using the antibiotic
properties of animal embryos in medicine.

Card 2/2

AUTHOR: Perovskiy, S. (Leningrad)

SOV/25-58-11-43/44

TITLE: ~~None Given~~

PERIODICAL: Nauka i zhizn', 1958, Nr 11, p 79 (USSR)

ABSTRACT: Scientific co-workers of the Sredne-Aziatskaya opytnaya stantsiya Vsesoyuznogo instituta rasteniyevodstva (Central Asian Experimental Station of the All-Union Institute of Plant Growing) in the Tashkent Oblast', are engaged in research on new valuable types of winter and summer wheat. Samples sent from China, India, Iran, Italy, Mexico, etc., are closely examined as to their advantages.

Card 1/1

MEACISALY 5
AUTHOR: Perovskiy, S.

25-7-37/51

TITLE: High Yielding Hybrids (Vysokourozhaynyye gibridy)

PERIODICAL: Nauka i Zhizn', 1957, # 7, p 53 (USSR)

ABSTRACT: During the past few years, the experimental station of the All-Union Institute of Plant Breeding at Otrada-Kubanskaya has developed seven hybrid corn types of which the "BMP-267" and "BMP-281" are already being cultivated. "BMP-267" is especially resistant to laying and yields from 500 to 600 kg per hectare above the standard average of 4000-4800 kg. It is particularly suited for the starch and molasses industries due to the high starch content of the grains (73.5 %). "BMP-281" produces a yield of 200 kg per hectare above the standard average of 3890 kg. It is especially suited for arid climates.

ASSOCIATION: All-Union Institute of Plant Breeding - Otrada-Kubanskaya (Vsesoyuznyy institut rastenyevodstva)

AVAILABLE: Library of Congress

Card 1/1

PEROWE, JOHN THOMAS WOOLRYCH.

Russian hosts and English guests in Central Asia. With sixty illustrations and a map. London, The Scientific press, 1898. 198 p. incl. front., illus., ports. 10 pl., fold. map.

Description of Trans-caspian railway.

DLC: DK851.P45

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

KAZANSKIY, Yu.P.; PEROZIO, G.M.; SOKOLOVA, M.P.

Epigenetic montmorillonite from Mesozoic deposits of the West
Siberian Lowland. Dokl. AN SSSR 135 no.4:948-950 '60. (MIRA 13:11)

1. Sibirekiy nauchno-issledovatel'skiy institut geologii, geofiziki
i mineral'nogo syr'ya i Institut geologii i geofiziki Sibirskogo
otdeleniya Akademii nauk SSSR. Predstavleno akademikom N.M.Strakhovym.
(Siberia, Western--Montmorillonite)

PEROZIO, G.N.

Epigenetic zonality in terrigenous rocks of the Mesozoic in the central part of the West Siberian Lowland. Dokl. AN SSSR 135 no.5:1203-1206 D '60. (MIRA 13:12)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya. Predstavleno akademikom N.M. Strakhovym. (Siberia, Western—Rocks, Sedimentary)

KAZANSKIY, Yu.P.; KROPANINA, L.S.; PEROZIO, G.N.

Petrographical and mineralogical characteristics of Upper
Cretaceous clay rocks in the Ob' Valley portion of the Naryn
region. Trudy SNIIGGIMS no.10:171-183 '60. (MIRA 15:12)
(Naryn region--Clay)

KAZANSKIY, Yu.P., stv. red.; AKEL'SHINA, Ye.F., red.; PERCZIO,
G.N., red.; SERDYUK, Z.Ya., red.

[Clays and clay minerals of Siberia] Gliny i glinistye mi-
neraly Sibiri. Moskva, Nauka, 1965. 131 p.

(MIRA 18:5)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut
geologii i geofiziki.

PEROZIO, G.N.

Authigenic feldspars in Lower Cretaceous and Jurassic sandstones
in the central part of the West Siberian Plain, based on
materials of the Pudino test hole I.R. Trudy SNIIGGIMS no.10:
135-142 '60. (MIRA 15:12)
(West Siberian Plain--Feldspar)

PEROVSKIO, G.N.

Neogenic zoisite and epidote in sandstones of the Kiyaly series
as revealed by the Pudino cross section of the test hole I-R
in the West Siberian Plain. Trudy SNIIGGIMS no.10:120-122 '60.
(MIRA 15:12)

(West Siberian Plain--Zoisite)
(West Siberian Plain--Epidote)

PERCZIO, G.N.

Epigenetic changes in terrigenous Mesozoic rocks of the
central part of the West Siberian Plain. Trudy SNIIGGIMS
no.17:166-184, '61. (MIRA 15:9)
(West Siberian Plain—Mineralogy)

NESTEROV, I.I.; PEROZIO, G.N.; BRADUCHAN, Yu.V.; STAVITSKIY, B.P.; NESTEROVA,
Ye.I.; PITROFANOVA, G.M., vedushchiy red.

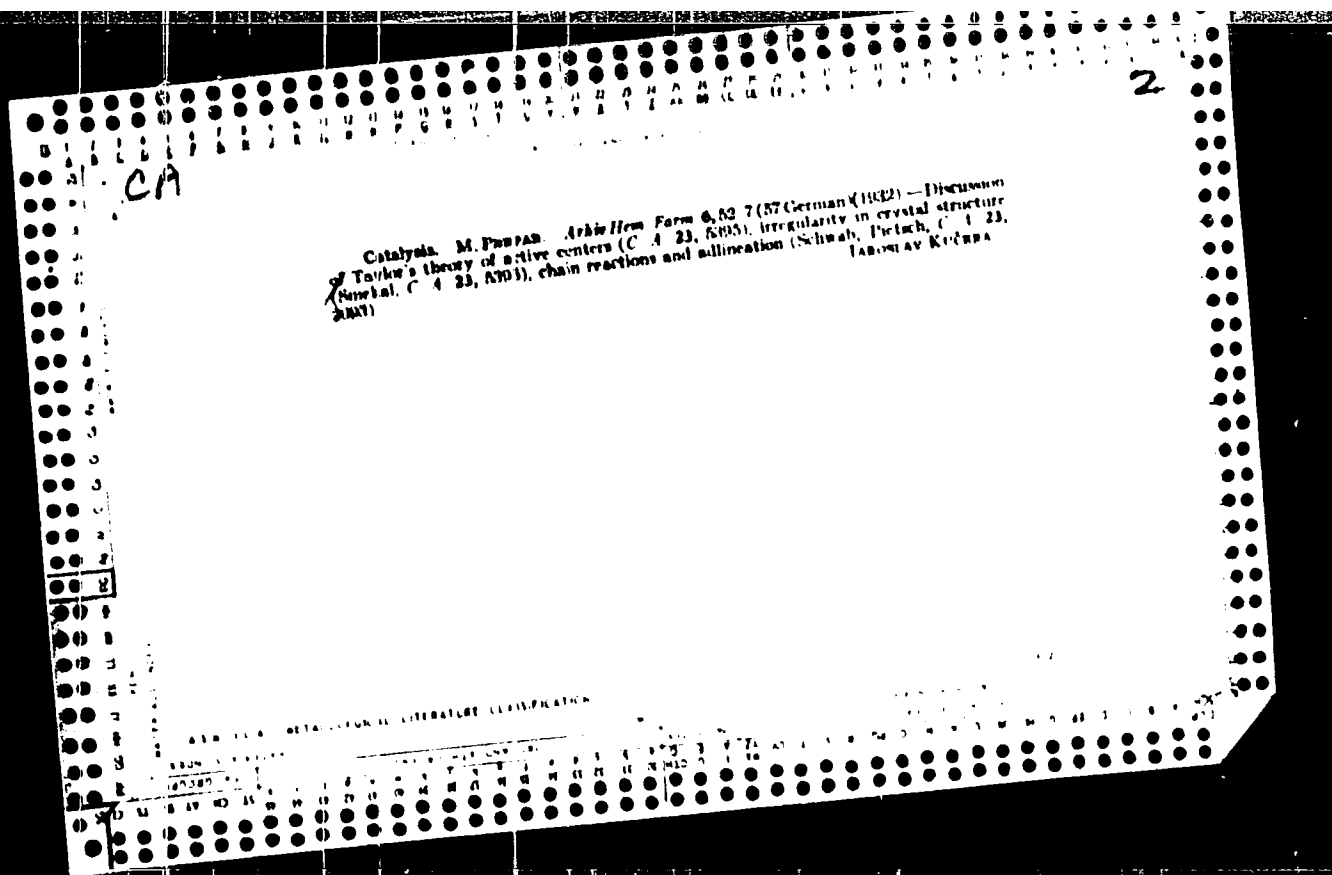
[Surgut keywell. Tumen' Province.] Surgutskaya opornaya skvazhina
(Tiumenskaya oblast'). Leningrad Nedra, 1964. 187 p. (Leningrad.
Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi
institut. Trudy, no.226)

PEROZIO, G.N.

Recent data, based on material from the Belogori'ye and Lar'yak
key wells, on newly formed minerals in Mesozoic and Paleozoic
rocks of the southeastern part of the West Siberian Plain. Trudy
SNIIGGIMS no.1:87-97 '59. (MIRA 154)
(West Siberian Plain--Minerals)

PERDZIO, G.N.; PROZOROVICH, G.E.; SOROKINA, Ye.G.

Heulandite from Mesozoic and Cenozoic sediments of the West
Siberian Plain. Trudy SNIIGGIMS no.14:128-132 '61. (MIRA 15:8)
(West Siberian Plain--Heulandite)



PER PAR, M.

KOLSEK, J.; PERPAR, M.

Determination of aldehydes in the ether for narcosis. Acta pharm.
jugosl. 3 no.2-3:208-218 1953.

1. Institut za organsko kemijo, Tehniska visoka sola, Ljubljana.
Priljeno: 16.VIII.1953.

(ETHER, ETHYL

*aldehydes in, determ. with Nessler's reagent)

(ALDEHYDES, determ.

*in ethyl ether, Nessler's reagent)

PERFAR, M

8

✓ 2505. Photometric method for the determination of small amounts of thiophen in benzene. J. Kollár, J. Pórrer and A. Rauschl (Inst. Org. Chem., Univ. of Zagreb, Yugoslavia). Z. anal. Chem., 1968, 19, (3), 324-325. Thiophen in purified benzene is determined photometrically by reaction with van Urk's reagent (*p*-dimethylaminobenzaldehyde (I) in aq. H_2SO_4 containing a little $FeCl_3$). The optimum sensitivity is 0.4 mg. per ml. and 0.01 mg. per ml. can be readily determined. The method is unsuitable for crude benzene, as other impurities interfere. *Procedure*—To the diluted benzene sample (3 ml) in a separating funnel add the reagent (4 ml of a soln. of 0.1 g of I in 72 ml of conc. H_2SO_4 and 28 ml of water containing 0.10 ml of 5 per cent. $FeCl_3$). Shake the soln. for exactly 10 min., dilute immediately with water (10 ml), and set aside for 5 min. Determine the extinction, at 552 m μ , of the lower (aq.) phase in the twentieth minute and compare with a blank. J. P. STEEN

3
PM

PERPAR, M.

✓ Fish pearl. M. Perpar and J. Bernas (Univ. Ljubljana, Yugoslavia). *Kem. listi* (Zagreb) 5, 87-9 (1955).
 For the prepn. of pearl essence, guanine was extd. from scales of *Scalpus cephalus*, *Alburnus scoranicoides*, and *Trutta ochridana*. The scales were treated with H₂O contg. some NH₃, filtered through a filter cloth, and guanine crystals sepd. from the filtrate by centrifuging. They were subjected to enzymic dissolution with pepsin for 7 days in an acid soln., and then purified in org. solvents such as amyl acetate and Et₂O. Best results were obtained from the scales of *T. ochridana*. N. Plavšić

YUGOSLAVIA / Chemical Technology. Chemical Products and
Their Applications. Fats and Oils. Waxes.
Soaps and Detergents. Flotation Agents.

Abs Jour: Ref Zhur-Aminiya, 1959, No 4, 13267.

Author : Kernbauer, Aleksandra; Jernar, Marija, Tiser, Vida.
Inst : Not given.
Title : Oil of argot.

Orig Pub: Acta pharmaceut. jugosl., 1959, 7, No 1, 33-34.

Abstract: Results of a study of the extraction rate of oil
from different varieties of argot (from Yugoslavia)
are given. Analytical characteristics of oil of
argot are given. -- From the authors' resume.

Card 1/1

105

PER PAA 2 M

1168* (Continued) A Modification of Dumas's Method
for Substances of High Nitrogen Contents. Pripravak k izdaju
izpravnosti dumasove metode za celje organskih spojin
s visoko vsebnostjo dušika. M. Ferrer, N. Ferrer, and M. Teller.
Chemica Acta, v. 28, no. 1, 1958, p. 83-86.
A method for determining C and H. The nitrogen oxides are
quantitatively reduced in two absorption tubes containing hy-
droxylammonium phosphate. The absorption tube with reagent
is inserted between the water and CO₂ tubes.

chem

6

for amf

P. R. P. A. S. M.

1.000

✓ Photometric determination of small quantities of thiophene in benzene. J. Kollek, M. Fergat, and A. Rauschl (Univ. Ljubljana, Yugoslavia) *J. Genl. Chem.* 149, 321 (1957). Thiophene can be detd. photometrically by the reaction with *p*-dimethylaminobenzaldehyde. Take 3 ml. of the benzene to be tested in a small sep. funnel, add 4 ml. of the reagent (72 ml. concd. H_2SO_4 + 28 ml. water + 0.1 g. *p*-dimethylaminobenzaldehyde + 0.19 ml. of 5% $FeCl_3$ soln.) and after 25 min. measure the lower aq. phase at 542 m μ in a photometer comparing with a fairly old. reagent soln. Unfortunately the method is not good for the detn. of thiophene in most benzene samples as some impurities interfere.

W. T. Hall

(3)

MA

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Perpar, M.

The photometric determination of antipyrine with *p*-dimethylaminobenzaldehyde. M. Hahn, J. Kollek, and M. Perpar (Univ. Ljubljana, Yugoslavia). *Z. anal. Chem.* 151, 104-8 (1956).—By the reaction of *p*-dimethylaminobenzaldehyde and antipyrine a rapid detn. of antipyrine can be made based on the dependence of the color intensity upon the time and temp. as determined empirically. Although the max. color intensity is reached only after 4 or 5 hrs., the measurement can be made after an hr. The effect of daylight during this time is not appreciable. The test can be made with about 0.05 mg. of antipyrine per ml. Aspirin, phenacetin, acetaminophen, and pyrazolone do not interfere with the test so that it can be used in testing pharmaceuticals containing these substances. Drysdale's test (*C.A.* 43, 5830f) follows Beer's law better but the reagent used in it is already strongly colored and the measurement takes place only after standing 24 hrs. in the dark. Moreover with small quantities of antipyrine there is less change in the extinction value.

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